

Patent Abstracts of Japan

PUBLICATION NUMBER : 08301742
PUBLICATION DATE : 19-11-96

APPLICATION DATE : 28-04-95
APPLICATION NUMBER : 07140998

APPLICANT : EZAKI GLICO CO LTD;

INVENTOR : OKADA SHIGETAKA;

INT.CL. : A61K 7/22 A23G 3/00 A23G 3/30 A23L 1/305 A61K 7/16

TITLE : COMPOSITION FOR ORAL CAVITY FOR PREVENTING REDUCTION IN
PH(POTENTIAL OF HYDROGEN) OF SALIVA

ABSTRACT : PURPOSE: To obtain a composition for oral cavity containing histidine, etc., and calcium carbonate, preventing reduction in pH of saliva, useful for preventing dental caries.

CONSTITUTION: This composition for oral cavity for preventing reduction in pH of saliva contains histidine alone or histidine, one or more of inosinic acid, guanylic acid, phosphorylated oligosaccharide, low-molecular weight chitosan and sodium tripolyphosphate and calcium carbonate. The blending amounts are 0.05-4.2wt.% of histidine, 0.05-1wt.% of inosinic acid, 0.05-10wt.% of guanylic acid, 0.05-20wt.% of phosphorylated oligosaccharide, 0.05-10wt.% of low- molecular weight chitosan, 0.05-10wt.% of sodium tripolyphosphate and 0.01-1wt.% of calcium carbonate. Histidine acts as a pH buffering agent and can maintain sordes on tooth in the oral cavity or the oral cavity at pH5.5 or higher. The composition can be prepared into chewing gum, candy, troche, tooth paste, beverage and a hygienic solution for oral cavity.

COPYRIGHT: (C)1996,JPO